



U.S. ENVIRONMENTAL PROTECTION AGENCY
INITIAL POLLUTION REPORT

I. HEADING

Date: September 12, 1994

Subject: Paul's Tank Cleaning Services, Hainesport Township,
Burlington County, New Jersey

From: W. Gad Tawadros, OSC
Removal Action Branch

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POLREP #I- FIRST AND Final

II. BACKGROUND

Site No.:	CU
Delivery Order No.:	N/A
Response Authority:	CERCLA
ERNS No.:	N/A
NPL Status:	This site is not on the NPL.
State Notification:	NJDEP referred on 12/14/1993
Action Memorandum:	N/A
Start Date:	N/A
Demobilization Date:	N/A
Completion Date:	N/A

III. SITE INFORMATION

A. Incident Category

CERCLA incident category: Inactive Production Facility

B. Site Description

1. Site Background

The Paul's Tank Cleaning Services is a 2.7 acres and inactive site, located in Hainesport, Burlington County, New Jersey. The site lies adjacent to Emulsion Marketing Inc. (EMI) which produces emulsified asphalt. The EMI site detected at PTCS in soil samples and in an on site lagoon in January, 1983. There is a potential for ground water contamination which may affect the adjacent Rancoces Creek and its wetlands.

The site is located in a commercial/industrial area; there are six residences within 0.5 mile, no schools, or day care centers within 200 feet, nor are there any resources in the vicinity of the site. There are no terrestrial sensitive environments within 200 feet of the site. There are no workers on site; operations ceased in late 1981 or early 1982. The site is partially fenced, inactive and abandoned.

All information, other than the site-specific historical information and sampling data obtained from EPA and NJSDEPE files, was collected during this site inspection prioritization evaluation in order to determine whether further CERCLA action is warranted.

2. Description of the Threat

Groundwater Migrating Pathway - there is a potential for a release of hazardous substances to groundwater from contaminated soil and the vertical tank. There is no indication that monitoring wells were installed at the site.

The depth to the water table near the site is approximately 15 feet, and regional groundwater flow is expected to be southwest toward South Branch Rancocas Creek.

Available information indicates that there is potable ground water usage upgradient of the site which is highly unlikely to be impacted from a release. However, there is a 395 ft. deep private drinking water well, downgradient of the site. This private water well was sampled by the property owner in April 1994, and the results revealed that the private drinking water well is clean.

Surface Water Migration Pathway - There is a potential for a release of hazardous substances to surface water from the contaminated soil and the leaking tanks. The nearest downslope

surface water is the South Branch Rancocas Creek. Local terrain slope is southwest toward Hainesport-Lumberton Road. Storm drains in that area discharge into a ditch west of the road, which carries the runoff for approximately 1,000 feet before discharging into South Branch Rancocas Creek. The total distance to surface water 2000 feet .

Soil Exposure Pathway - Pesticides, PCBs, aromatic organic contaminants, and numerous PAHs were found in soil samples collected at the site. The depths at which the above samples were collected are unknown. Because only limited sampling has occurred, the areal extent of the contaminated soil is also unknown, but is estimated to extend throughout the site (3 acres).

Air Migration Pathway - No air sampling is known to have been conducted. There is a potential for a release of contaminants to air. On-site soils are contaminated, but it is not known at what depths the corresponding samples were collected.

C. Preliminary Assessment Results

Based on the available information and the sampling results, the Paul's Tank Cleaning Site is not eligible for a CERCLA Removal Action. It is recommended that the NJDEP conduct further investigations into this Site in order to determine if further remediation is warranted. This Site is not in a quantity magnitude to warrant a Federal response due to the limited existing potential threat to public health and the environment.

IV. RESPONSE INFORMATION

A. Planned Removal Actions

B. Situation

1. Current Situation

On June 10, 1994, following the verbal verification of a signed access agreement, the TAT and the OSC began performing various site assessment activities. Based on visual observations, Paul's Tank Cleaning Services contained 22 aboveground storage tanks and tankers with capacities ranging from 2,000 to 120,000 gallons. Two trailers containing a total of seven drums and service station pump were observed on site. Approximately fourteen "30 & 55-gallon drums" were observed throughout the site, mostly empty, and ten naturalizing bathtubs of various volumes.

There were no residues or staining observed. The 120,000 gallon vertical tank appeared structurally unsound halfway up the southwest portion. Three tanks and two drums were observed leaking a like oil substance onto the ground. The unlined lagoon is situated in a low-lying area in the southern portion of the

facility property, near the Rancocas Creek and its wetlands. There are areas of stressed vegetation, and oil stained soil in various locations throughout the site. The Site is fenced along the western and northern boundaries, however the site is accessible along the eastern and the southern borders with no fence or restrictions. There did not appear to be any obvious signs of trespassing.

Since the material is a hazardous waste, and the concentration is under the federal response criteria, and above the NJDEP cleanup criteria, it is essential that further investigation/ remedial action would be eligible under the State cleanup response.

2. Removal Actions to Date

This recent round samples, June 10, 1994, was collected by the TAT from various location at the Paul's Tank Cleaning Site. The results reveal a minimal contamination. The materials is RCRA hazardous waste, however does not meet Federal Response Criteria.

3. Enforcement

Enforcement actions have been delayed pending determination of removal eligibility.

C. Next Steps

Awaiting for the sampling results.

D. Key Issues

None

V. ESTIMATED COST INFORMATION

	<u>Cost to Date</u>
Cleanup Contractor	\$
TAT	\$
Intramural (HQ, Regions, ERT)	\$
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TOTAL	\$
Project Ceiling	\$
Percent of Project Funds Remaining	

The Request for Removal Action Memorandum for the PTC site is pending.